



FPL

MAY 14 2001

L-2001-071
10 CFR §50.36
10 CFR §50.90

U. S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Proposed License Amendments
Removal of Site Area and Plant Area Maps from Technical Specifications

In accordance with 10 CFR §50.90, Florida Power and Light Company requests that Appendix A of Facility Operating Licenses DPR-31 and DPR-41 be amended to delete Technical Specifications Figures 5.1-1, "Site Area Map," and 5.1-2, "Plant Area Map," and to replace Technical Specifications Section 5.1, "Site," with a site location description. Conforming changes are requested to delete Section 5.1.1, "Exclusion Area," Section 5.1.2, "Low Population Zone," and Section 5.1.3, "Map Defining Unrestricted Areas and Site Boundary for Radioactive Gaseous and Liquid Effluents," from Section 5.1 of the Technical Specifications. These changes conform to NUREG-1431, Rev. 1, Improved Standard Technical Specifications for Westinghouse Plants, and the requirements of 10 CFR §50.36 (c)(4).

FPL has determined that the proposed license amendments do not involve a significant hazard pursuant to 10 CFR §50.92. A description of the amendments request is provided in Attachment 1. The No Significant Hazards Consideration Determination and the Environmental Impact Evaluation in support of the proposed Technical Specification change are provided in Attachment 2. Enclosure 1 provides the marked up Technical Specification pages showing the change.

The proposed license amendments have been reviewed by the Turkey Point Plant Nuclear Safety Committee and the FPL Company Nuclear Review Board. In accordance with 10 CFR §50.91(b)(1), a copy of the proposed license amendments is being forwarded to the State Designee for the State of Florida.

Should there be any questions, please contact Steve Franzone at 305-246-6228.

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant

DRL

Attachments, Enclosure

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant
Florida Department of Health

A001

ATTACHMENT 1

DESCRIPTION OF PROPOSED LICENSE AMENDMENTS

1.0 Introduction

In accordance with 10 CFR §50.90, Florida Power and Light Company (FPL) requests that Appendix A of Facility Operating Licenses DPR-31 and DPR-41 be amended to delete Technical Specifications (TS) Figures 5.1-1, "Site Area Map," and 5.1-2, "Plant Area Map," and to replace TS Section 5.1, "Site," with a site location description. Conforming changes are requested to delete Section 5.1.1, "Exclusion Area," Section 5.1.2, "Low Population Zone," and Section 5.1.3, "Map Defining Unrestricted Areas and Site Boundary for Radioactive Gaseous and Liquid Effluents," from Section 5.1 and the Index of the TS. These changes conform to NUREG-1431, Rev. 1, Improved Standard Technical Specifications (ISTS) for Westinghouse Plants, and the requirements of 10 CFR §50.36, Technical Specifications.

2.0 Background

Both the Site Area and the Plant Area maps are located elsewhere in existing plant documents. The Site Area Map is located in Section 2.2 of the Turkey Point Updated Final Safety Analysis Report (UFSAR). The Plant Area Map is located in Section 1.0 of the Turkey Point Offsite Dose Calculation Manual (ODCM). Changes to the UFSAR are governed by the requirements of 10 CFR §50.59, Changes, Tests, and Experiments; and changes to the ODCM are governed by the requirements of TS 6.8.4.f, Radioactive Effluent Controls Program.

These changes serve to conform to Section 4.0, Design Features, of NUREG-1431, Rev. 1, ISTS for Westinghouse Plants. ISTS does not include plant or site maps. ISTS also differs from the Turkey Point TS in that it only provides a site location description in Section 4.1 of Section 4.0, Design Features. The described changes will provide a site location description, and eliminate the Site and Plant Area maps and their conforming sections from the Turkey Point TS. In addition, the inclusion of site and plant area maps are not requirements of 10 CFR §50.36 (c) (4), Design Features of Technical Specifications.

3.0 Discussion and Description of Proposed Change

The following changes as shown in Enclosure 1 are proposed:

1. Revise TS Index section 5.1 SITE, to delete [5.1.1 EXCLUSION AREA...5-1, 5.1.2 LOW POPULATION ZONE...5-1, 5.1.3 MAP DEFINING UNRESTRICTED AREAS AND SITE BOUNDARY FOR RADIOACTIVE GASEOUS AND LIQUID EFFLUENTS...5-1] and insert [5.1.1 SITE LOCATION...5-1]. Revise TS Index section 5.2 CONTAINMENT, to delete [FIGURE 5.1-1 SITE AREA MAP...5-2] and [FIGURE 5.1-2 PLANT AREA MAP...5-3].
2. Revise TS 5.1 to replace [SITE] with [SITE LOCATION], and insert the following description: [The site is located approximately 25 miles south of Miami, 8 miles east of Florida City, and 9 miles southeast of Homestead, Florida.]
3. Revise TS 5.1 to delete sections 5.1.1, Exclusion Area; 5.1.2, Low Population Zone; and 5.1.3, Map Defining Unrestricted Areas and Site Boundary for Radioactive Gaseous and Liquid Effluents.

4. Revise TS 5.0, Design Features, to delete Figure 5.1-1, Site Area Map, and Figure 5.1-1, Plant Area Map.

Justifications:

1. These changes update the TS Index to conform to the changes in the proposed amendments.
2. This change would make Turkey Point's TS conform to the ISTS. A description of site location is provided in Section 4.0, Design Features, of NUREG-1431, Rev. 1, ISTS for Westinghouse Plants. The site location description provided is as described in section 2.2 of the Turkey Point UFSAR.
3. This change would make Turkey Point's TS conform to the ISTS. Section 4.0, Design Features of ISTS does not include equivalent sections to Turkey Point TS 5.1.1, 5.1.2, and 5.1.3. 10 CFR §50.36 does not require these sections to be contained in the Technical Specifications.
4. This change would make Turkey Point's TS conform to the ISTS. Section 4.0, Design Features of ISTS does not include equivalent sections to Turkey Point TS Figure 5.1-1 and 5.1-2. Additionally, the Site Area Map is located in Section 2.2 of the Turkey Point UFSAR and the Plant Area Map is located in Section 1.0 of the Turkey Point ODCM. 10 CFR §50.36 does not require these sections to be contained in the Technical Specifications.

10 CFR §50.36 Applicability:

10 CFR §50.36 contains a set of objective criteria for determining which regulatory requirements and operating restrictions should be included in TS. The proposed changes as would apply to 10 CFR §50.36 (c) (4), Design Features, are addressed as follows.

Design Features. Design Features to be included are those features of the facility such as materials of construction and geometric arrangements, which, if altered or modified, would have a significant effect on safety and are not covered in categories described in paragraphs (c) (1), (2), and (3) of this section.

10 CFR §50.36 (c) (4) Analysis

The proposed amendments to the Design Features section of the Turkey Point TS are administrative in nature, adding a site location description and deleting sections and maps from the TS, which are already located in the plant's UFSAR and ODCM documents. No physical modifications to the facility are required to implement these proposed amendments, thus this change would have no effect on the materials of construction or geometric arrangements of features of the facility. All safety limits, limiting safety system settings, limiting control settings, limiting conditions of operation, and surveillance requirements as described in paragraphs (c) (1), (2), and (3) of 10 CFR §50.36 are not affected by the proposed changes, and will continue to be addressed by the Turkey Point TS.

ATTACHMENT 2

NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION

Introduction

Description of amendments request: The amendments proposed for Turkey Point Units 3 and 4 will revise Appendix A of Facility Operating Licenses DPR-31 and DPR-41 to delete TS Figures 5.1-1, "Site Area Map," and 5.1-2, "Plant Area Map," and replace TS Section 5.1, "Site," with a site location description. Conforming changes will delete Section 5.1.1, "Exclusion Area," Section 5.1.2, "Low Population Zone," and Section 5.1.3, "Map Defining Unrestricted Areas and Site Boundary for Radioactive Gaseous and Liquid Effluents," from Section 5.1 of the TS. These changes are requested in order to eliminate Figures 5.1-1, "Site Area Map," and 5.1-2, "Plant Area Map" from Section 5.0, Design Features, and references to those figures from the TS. These changes conform to NUREG-1431, Rev. 1, ISTS for Westinghouse Plants, and the requirements of 10 CFR §50.36 (c)(4).

The Nuclear Regulatory Commission has provided standards for determining whether a significant hazards consideration exists (10 CFR §50.92 (c)). A proposed amendment to an operating license for a facility involves no significant hazards consideration, if operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety. Each standard is discussed below for the proposed amendments.

Discussion

- (1) **Operation of the facility in accordance with the proposed amendments would not involve a significant increase in the probability or consequences of an accident previously evaluated.**

The proposed amendments are administrative in nature, removing sections and maps from the TS, which are located in other documents previously approved by NRC. These amendments will not involve a significant increase in the probability or consequences of an accident previously evaluated because they do not affect assumptions contained in plant safety analyses, the physical design and/or operation of the plant, nor do they affect TS that preserve safety analysis assumptions. Therefore, the proposed changes do not affect the probability or consequences of accidents previously analyzed.

- (2) **Operation of the facility in accordance with the proposed amendments would not create the possibility of a new or different kind of accident from any accident previously evaluated.**

The proposed changes to the TS are administrative in nature and can not create the possibility of a new or different kind of accident from any previously evaluated since the proposed amendments will not change the physical plant or the modes of plant operation defined in the facility operating license. No new failure mode is introduced due to the administrative changes since the proposed changes do not involve the addition or modification of equipment, nor do they alter the design or operation of affected plant systems, structures, or components.

(3) Operation of the facility in accordance with the proposed amendments would not involve a significant reduction in a margin of safety.

The proposed changes are administrative in nature and do not affect operating limits or functional capabilities of plant systems, structures and components. The addition of a site location description to the TS adds geographical information to the TS. Elimination of site and plant area maps from the TS would have no effect on margin of safety as they are located in other controlled plant documents. Thus, the changes proposed would not involve a significant reduction in margin of safety of the facility.

Conclusion

Based on the above, FPL has determined that the proposed amendments request does not (1) involve a significant increase in the probability or consequences of an accident previously evaluated, (2) create the possibility of a new or different kind of accident from any accident previously evaluated, (3) involve a significant reduction in a margin of safety; and therefore the proposed change does not involve a significant hazards consideration as defined in 10 CFR §50.92.

Environmental Impact Evaluation

10 CFR §51.22(c)(9) provides criteria for identification of licensing and regulatory actions eligible for categorical exclusion from performing an environmental assessment. A proposed amendment to an operating license for a facility requires no environmental assessment if operation of the facility in accordance with the proposed amendment would not:

- (i) involve a significant hazards consideration,
- (ii) result in a significant change in the types or significant increase in the amounts of any effluents that may be released offsite, and
- (iii) result in a significant increase in individual or cumulative occupational radiation exposure.

The proposed license amendments revise the Turkey Point Units 3 and 4 TS to administratively add and delete sections and maps located in TS Section 5.0. The proposed license amendments involve no significant increase in the amounts and no significant change in the types of any effluents that may be released offsite, and no significant increase in individual or cumulative occupational radiation exposure. FPL has concluded that the proposed amendments involve no significant hazards consideration and meet the criteria for categorical exclusion set forth in 10 CFR §51.22(c)(9). FPL has determined pursuant to 10 CFR §51.22(b) that an environmental impact statement or environmental assessment need not be prepared in connection with issuance of these amendments.

ENCLOSURE 1

**PROPOSED LICENSE AMENDMENT FOR
CHANGE TO TECHNICAL SPECIFICATIONS**

Technical Specification Page Changes

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DESIGN FEATURES

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5.0 DESIGN FEATURES

5.1 SITE LOCATION

~~EXCLUSION AREA~~ The site is approximately 25 miles south of Miami, 8 miles east of Florida City, and 9 miles southeast of Homestead, Florida.

~~5.1.1 The Exclusion Area shall be as shown in Figure 5.1-1.~~

~~LOW POPULATION ZONE~~

~~5.1.2 The Low Population Zone shall be as shown in Figure 5.1-1.~~

~~MAP DEFINING UNRESTRICTED AREAS AND SITE BOUNDARY FOR RADIOACTIVE GASEOUS AND LIQUID EFFLUENTS~~

~~5.1.3 Information regarding radioactive gaseous and liquid effluents, which will allow identification of structures and release points shall be as shown in Figure 5.1-2. The UNRESTRICTED AREAS and SITE BOUNDARY shall be as shown in Figure 5.1-1.~~

5.2 CONTAINMENT

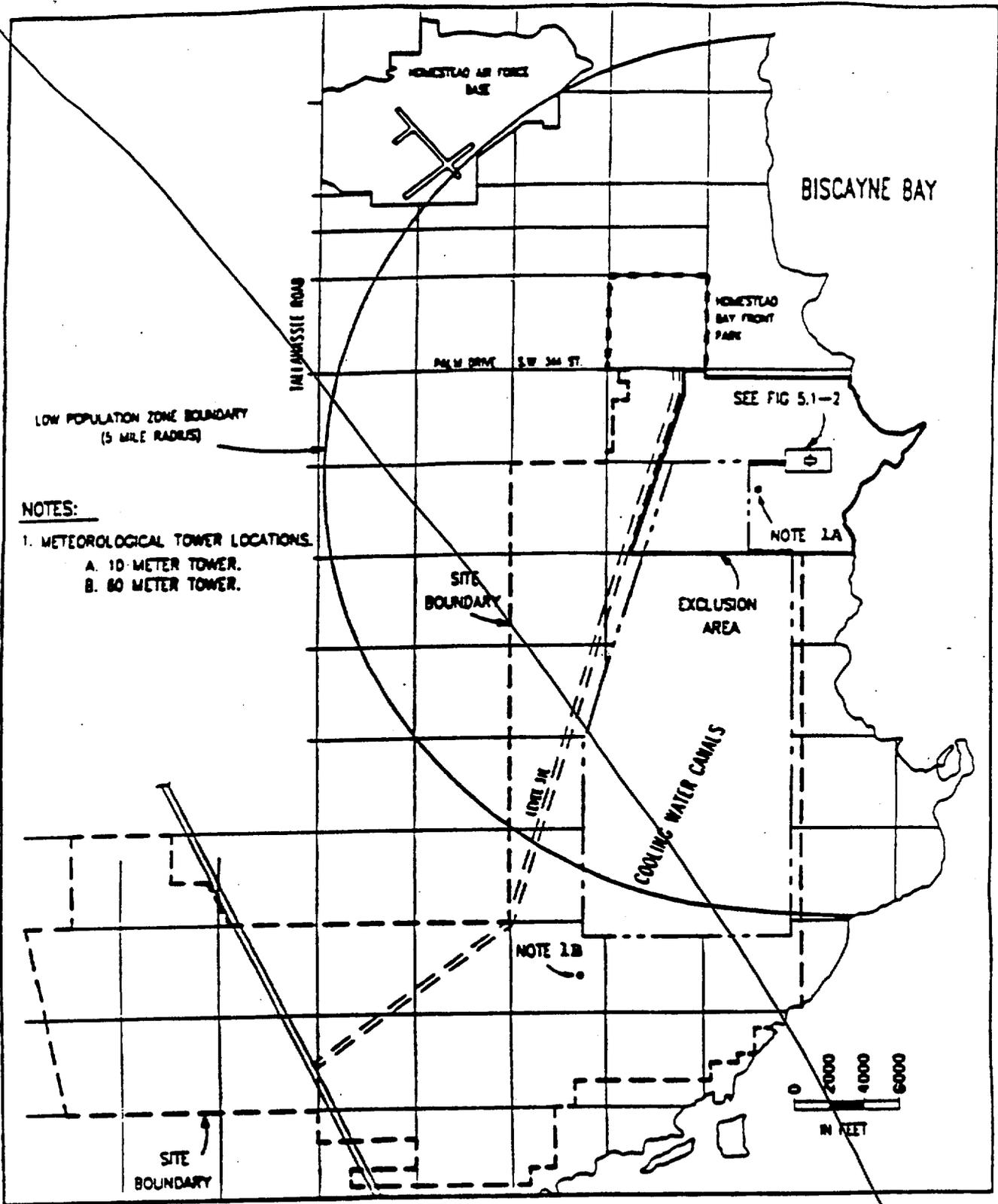
CONFIGURATION

5.2.1 The containment building is a steel-lined, reinforced concrete building of cylindrical shape, with a dome roof and having the following design features:

- a. Nominal inside diameter = 116 feet.
- b. Nominal inside height = 170.6 feet.
- c. Minimum thickness of concrete walls = 3.75 feet.
- d. Minimum thickness of concrete roof = 3.25 feet.
- e. Minimum thickness of concrete floor pad = 10.5 feet.
- f. Nominal thickness of steel liner = 0.25 inches.
- g. Nominal net free volume = 1,550,000 cubic feet.

DESIGN PRESSURE AND TEMPERATURE

5.2.2 The containment building is designed and shall be maintained for a maximum design internal pressure of 55 psig and a temperature of 283°F. The containment building is also structurally designed to withstand an internal vacuum of 2.5 psig.

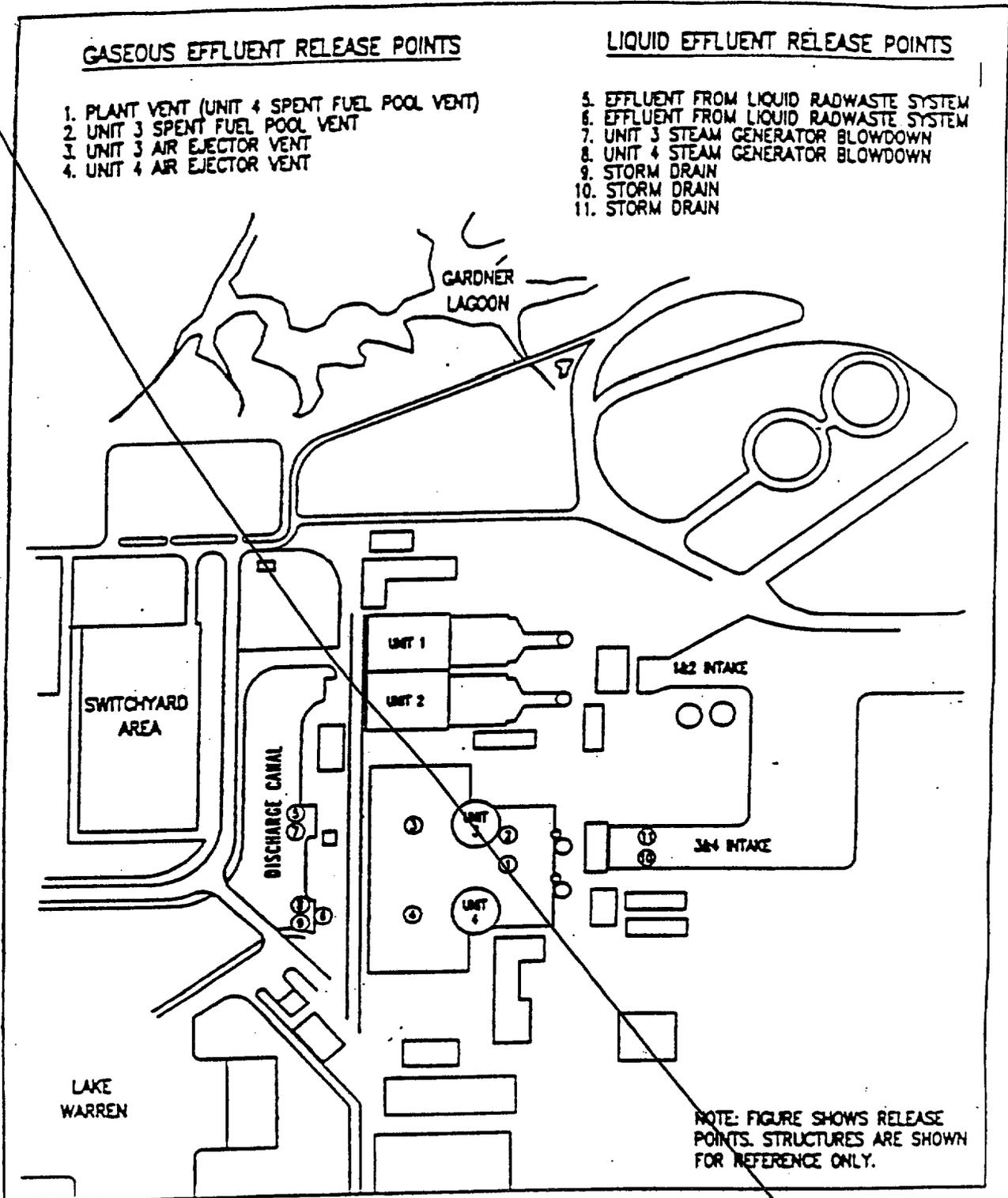


NOTES:

1. METEOROLOGICAL TOWER LOCATIONS.
 - A. 10 METER TOWER.
 - B. 60 METER TOWER.

FIGURE 5.1-1 SITE AREA MAP

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~~FIGURE 5.1-2 PLANT AREA MAP~~

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